17. E16: Water Consumption Data

17.1 Overview

In-Life report E16, *Water Consumption Data*, displays water consumption data by cage. The report is sorted by sex, treatment group, and cage. Any notes associated with cage are printed after water consumption data.

The E16 report can be customized by checking the "Extended Selections" feature on the TDMSE Reports, Request Reports menu screen. See Chapter 2: Request Reports, *TDMSE Reports User's Guide* for more details.

STOP	**All Extended Selections are available except Control Group selection, Removal Reasons and Removal Dates; however, these selections appear on the splash page for this report.**

Each report contains:
• Cage Number
• Sex
• Trt#
• Trt
• New and Used Containers:
  • Day, Date, Time
  • Op ID
  • N
  • Wt (G)
• Amount Consumed (G)
• Animal Hours
• Consumption (G/Animal/Day)
• Status (displays only if criteria are met)
• Cage Note (displays only if criteria are met)
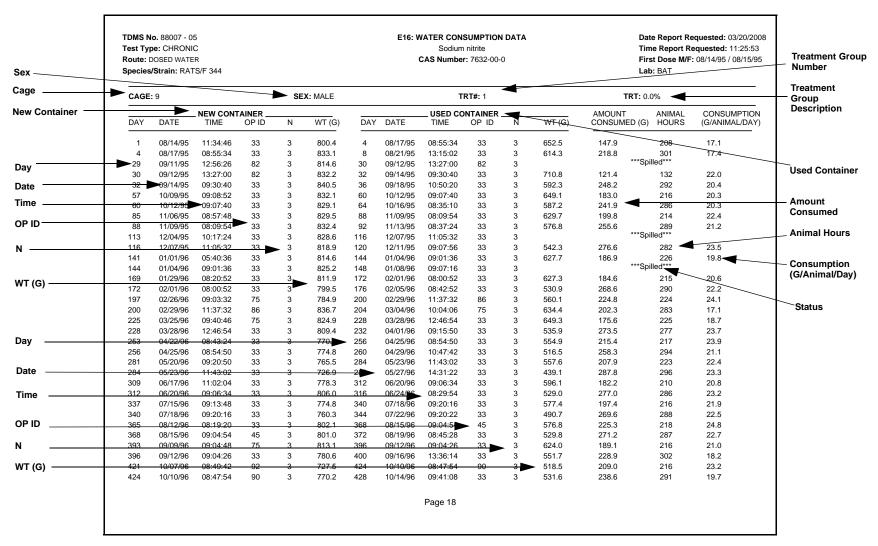
17.2 E16 - Water Consumption Data Description

Figure 17-1: E16 - Water Consumption Data

Table 17-1 lists and describes the fields of the E16 - Water Consumption Data.

Field	Description
Cage	• This field identifies the cage number for which the data were collected.
Sex	• This field identifies the sex of the animals in this cage.
Trt#	• This field identifies the treatment group number assigned to this particular treatment group, as defined in the protocol.
Trt	• This field describes the treatment administered to each group of animals, as defined in the protocol.
New Container	

Day	• This field represents the day the data was collected for the new container.
	• Any data entered on the initial dose day, but prior to the dose time recorded, will be listed as Day 0.
	• Day is calculated as:
	    • If (Event Date = Initial Dose Date) and (Event Time < Initial Dose Time) then = 0;
	    • If (Event Date > = Initial Dose Date) then (Event Date - Initial Dose Date) + 1;
	    • If (Event Date < Initial Dose Date) then (Initial Dose Date - Event Date).

Date	• This field lists the date (mm/dd/yy) a new container was placed in the cage.
Time	• This field lists the time (hh:mm:ss) a new container was placed in the cage. Time is displayed in 24-hour format.
OP ID	• This field lists the unique identifier assigned to the operator weighing the new container.
N	• This field lists number of living animals when the new container was weighed.
WT (G)	• This field lists the weight of the new container in grams. • 'OVERRIDE' appears in this field for older studies where '99999.9' was previously used.

Table 17-1: E16 - Water Consumption Data field descriptions

Field		Description
Used Container		
	Day	• This field represents the day data were collected for the used container. • Any data entered on the initial dose day, but prior to the dose time recorded, will be listed as Day 0. • Day is calculated as: • If (Event Date = Initial Dose Date) and (Event Time < Initial Dose Time) then = 0; • If (Event Date > = Initial Dose Date) then (Event Date - Initial Dose Date) + 1; • If (Event Date < Initial Dose Date) then (Initial Dose Date - Event Date).
	Date	• This field lists the date (mm/dd/yy) a used container was placed in the cage.
	Time	• This field lists the time a used container was placed in the cage. Time is displayed in 24-hour format.
	OP ID	• This field lists the unique identifier assigned to the operator weighing the used container.
	N	• This field lists number of living animals when the used container was weighed.
	WT (G)	• This field lists the weight of the used container in grams. • 'OVERRIDE' appears in this field for older studies where 99999.9 was previously used.
Amount Consumed		• This field lists the amount of water consumed. • Amount consumed is calculated as (Used container weight (grams) – New container weight (grams)). • If an override value (99999.9) is recorded for the used container weight, the amount consumed is not displayed. • If a container weight status was recorded, the amount consumed is not displayed.

Table 17-1:   E16 - Water Consumption Data field descriptions

Field	Description

Animal Hours	• This field is calculated as follows:
	  1) Animal Minutes are calculated by multiplying the number of animals present the entire time the container was in the cage by the number of minutes the container was in the cage.
	  2) If one animal was removed from the cage, the number of minutes the animal was in the cage between the date the new container was placed in the cage, and the date the animal was removed from the cage are calculated.
	    • If more than one animal was removed during the consumption monitoring period, the number of minutes each animal was in the cage are added together.
	  3) The result of Step 2 is added to the result of Step 1.
	  4) Animal Minutes are converted to Animal Hours as follows: Animal Hours = Animal Minutes/60.
	  5) The result of Step 4 is rounded to the nearest hour.
	    • If a feeder weight status was recorded, Animal Hours are not displayed.

Consumption (G/Animal/Day)	• This field lists the consumption (expressed in grams per animal per day).
	  • Consumption is calculated as (Amount Consumed/Animal Minutes) * 60 * 24. The result is rounded to one decimal place.
	    • If an override value (99999.9) is recorded for the used container weight, the consumption is not displayed.
	    • If a bottle weight status was recorded, consumption is not displayed.

Status	• This field identifies the status conditions that would make water consumption unreliable, if noted. • Animal hours, amount consumed, and consumption are not calculated.
Cage Note (not shown in the example report)	• This field explains the condition of the cages, if noted. • Maximum of 80 characters.
Date	• This field shows the date (mm/dd/yy) on which the cage note was recorded.
Time	• This field shows the time (hh:mm:ss) the cage note was recorded. Time is displayed in 24-hour format.
Op ID	• This field shows the unique identifier associated with the operator recording the cage notes.

Table 17-1: E16 - Water Consumption Data field descriptions

	'****NO DATA FOR CRITERIA ENTERED***' will be displayed if no data are found for this report.

	The report is divided between males and females. The males are presented first if data exists. An '****END OF REPORT***' message will be displayed on the last page of the report.